

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Ahmed J. M. Farah Examiner #: 77541 Date: 04/23/03
 Art Unit: 3739 Phone Number 301-5287 Serial Number: 07/924,156
 Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Method of treating acne
 Inventors (please provide full names): Rafael A. Sierra; Mirko Mirkov;
Kathleen I. McMillan; and Jennifer R. Lloyd
 Earliest Priority Filing Date: 08/07/01

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

- ① Method for enhancing photothermal sebaceous gland destruction and treatment of acne, the method comprising:
- introducing exogenous chromophores to sebaceous glands, and
 - irradiating the target gland (sebaceous gland) with laser light in the λ range btw. 700nm - 1200nm

- ② exogenous chromophore comprises:
- oils; surfactant; liposome; dye (indocyanine green, rhodamine B, and crystal violet)

- ③ laser: $\lambda: 700\text{nm} \leq \lambda \leq 1200\text{nm}$ (wavelength)
 (pulse duration) $\tau: \tau \leq 100\text{ns}$; and fluence 5-40 J/cm²

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Searcher: Julie Walke
 Searcher Phone #: 305-8587
 Searcher Location: CP2-2C08
 Date Searcher Picked Up: 4/24/03
 Date Completed: 4/25/03
 Searcher Prep & Review Time: 97m
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Type of Search

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Vendors and cost where applicable

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